

Result No.	Score	Query Match	Length	DB	ID	Description
1	996	35.8	491	10	US-09-895-913A-106	Sequence 106, App
2	333	12.0	161	9	US-09-159-469-35	Sequence 35, Appl
3	333	12.0	161	9	US-09-798-042-35	Sequence 35, Appl
4	110	3.9	1089	11	US-09-946-374-102	Sequence 102, App
5	110	3.9	1089	14	US-10-052-586-266	Sequence 266, App
6	110	3.9	1089	15	US-10-174-590-266	Sequence 266, App
7	110	3.9	1089	15	US-10-176-758-266	Sequence 266, App
8	110	3.9	1089	15	US-10-175-737-266	Sequence 266, App
9	110	3.9	1089	15	US-10-173-706-266	Sequence 266, App
10	110	3.9	1089	15	US-10-175-738-266	Sequence 266, App
11	110	3.9	1089	15	US-10-175-752-266	Sequence 266, App
12	110	3.9	1089	15	US-10-176-482-266	Sequence 266, App
13	110	3.9	1089	15	US-10-176-757-266	Sequence 266, App
14	110	3.9	1089	15	US-10-176-913-266	Sequence 266, App
15	110	3.9	1089	15	US-10-180-552-266	Sequence 266, App

QY 128 SHIDHIFALIRAFKQLOVPKVFTHFFADGRDTSPTSGAGYLEQLLOFIASEKYGELATIT 187
Db 119 SHIEHIFALALECEKSH-KKVCLEHLITDGRDVAAPKALTYLKO-MONICNESI-QIATIS 175
QY 188 GRYAMDRKRERIKMAYEAIYVGGICQAKATVDKAVDVVRERYAQSETDEFLKPIVESDD 247
Db 176 GRYAMDRKRERIKMAYEAIYVGGICQAKATVDKAVDVVRERYAQSETDEFLKPIVESDD 232
QY 248 GRYKDDDTLFFRYRDRMRQICELGLERIKDLSNVPKPKNIQSGMTQYNKPEFPFS 307
Db 233 CGMQDDSEFIFINERDRAREIVSALGQKQSGFKRQV--FKKLHATHTPYDNTPTYPV 290
QY 308 LFPVPTHVNLAEWLASQVTPQHCATEKYPHVTFFNGREVGQDDEERCMPSPKEV 367
Db 291 LFPKESQNTPLAEVWSQHNLTQSHIAETEKYAHVTFEINGVETPFKNENRVLIQSPK-V 349
QY 368 ATYDLKPEMNAAGVAEKMBQIESGRHPLVMCMFAPPDMVGHGKPEPAVKACQATDEAI 427
Db 350 TTYDLKPEMNAAGVAEKMBQIESGRHPLVMCMFAPPDMVGHGKPEPAVKACQATDEAI 408
QY 428 GKIFERACQTYNYVLMVTSOHGNAEKMIAPDGSSEHTAHTCNLVPFTGSSKTFVFKSTPTTG 487
Db 409 GEILSLAKLDYAMLTSDHNGCERMKDENQNLNHTAG-----SVYCFVL-----G 456
QY 488 DGKKE-RARALROVAPTVLQMLGPVPPMD 517
Db 457 DGVSXKNGALNNAISSVLKMLGKAPATMD 487

RESULT 2

US-09-159-469-35
; Sequence 35, Application US/09159469
; Patent No. US20020064535A1
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Lodes, Michael J.
; APPLICANT: Houghton, Raymond
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS AND
; THERAPY OF EHRlichia INFECTION
; NUMBER OF SEQUENCES: 73
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/159,469
; FILING DATE:

CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/106,582
; FILING DATE: 29-JUN-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Maki, David J.
; REGISTRATION NUMBER: 31,392
; REFERENCE/DOCKET NUMBER: 210121.439C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-622-4900
; TELEFAX: 206-682-6031
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 161 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein

; ORIGINAL SOURCE:
; ORGANISM: Ehrlichia
; US-09-159-469-35

Query Match 12.0%; Score 333; DB 9; Length 161;
Best Local Similarity 45.3%; Pred. No. 1.2e-25;
Matches 72; Conservative 22; Mismatches 61; Indels 4; Gaps 3;

QY 49 LEAHGLHVLPEGLMGNSEVGHNLNIGAGRVIVQDIVRINLAVORNEFTVNPQIVASAERA 108
Db 7 LSASGTDVGLPSQGFNGSEVGHISICGRIVLQDLRLINLEI--NEVHNPKLLDFVRDI 64
QY 109 KKGSGRLHLLGLVSDGGVHSHIDHFLALIRAFKQLOVPKVFTHFFADGRDTSPTSGAGYL 168
Db 65 QAKGGVCHMIGLLSDGGVHSHIDHFLALIRAFKQLOVPKVFTHFFADGRDTSPTSGAGYL 123
QY 169 EOLLOFIASEKYGELATITGRYYAMDRDRKWERIKMAYE 207
Db 124 GMLNAKI-EHLNAEIAIVAGRYAMDRDRNRLDRTCKAYD 161

RESULT 3

US-09-798-042-35
; Sequence 35, Application US/09798042
; Patent No. US20020068343A1
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Lodes, Michael J.
; APPLICANT: Houghton, Raymond L.
; APPLICANT: McNeill, Patricia D.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS
; AND TREATMENT OF EHRlichia INFECTION
; FILE REFERENCE: 210121.439C7
; CURRENT APPLICATION NUMBER: US/09/798,042
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 35
; LENGTH: 161
; TYPE: PRT
; ORGANISM: Ehrlichia sp.
; US-09-798-042-35

Query Match 12.0%; Score 333; DB 9; Length 161;
Best Local Similarity 45.3%; Pred. No. 1.2e-25;
Matches 72; Conservative 22; Mismatches 61; Indels 4; Gaps 3;

QY 49 LEAHGLHVLPEGLMGNSEVGHNLNIGAGRVIVQDIVRINLAVORNEFTVNPQIVASAERA 108
Db 7 LSASGTDVGLPSQGFNGSEVGHISICGRIVLQDLRLINLEI--NEVHNPKLLDFVRDI 64
QY 109 KKGSGRLHLLGLVSDGGVHSHIDHFLALIRAFKQLOVPKVFTHFFADGRDTSPTSGAGYL 168
Db 65 QAKGGVCHMIGLLSDGGVHSHIDHFLALIRAFKQLOVPKVFTHFFADGRDTSPTSGAGYL 123
QY 169 EOLLOFIASEKYGELATITGRYYAMDRDRKWERIKMAYE 207
Db 124 GMLNAKI-EHLNAEIAIVAGRYAMDRDRNRLDRTCKAYD 161

RESULT 4

US-09-946-374-102
; Sequence 102, Application US/09946374
; Publication No. US20030073129A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deshoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J. PRIOR FILING DATE: 1998-09-16
 APPLICANT: Grimaldi, Christopher J. PRIOR APPLICATION NUMBER: 60/100683
 APPLICANT: Gurney, Austin L. PRIOR FILING DATE: 1998-09-17
 APPLICANT: Hillan, Kenneth J. PRIOR APPLICATION NUMBER: 60/100684
 APPLICANT: Pan, James PRIOR FILING DATE: 1998-09-17
 APPLICANT: Paoni, Nicholas F. PRIOR APPLICATION NUMBER: 60/100710
 APPLICANT: Roy, Margaret Ann PRIOR FILING DATE: 1998-09-17
 APPLICANT: Smith, Victoria PRIOR APPLICATION NUMBER: 60/100711
 APPLICANT: Stewart, Timothy A. PRIOR FILING DATE: 1998-09-17
 APPLICANT: Tumas, Daniel PRIOR APPLICATION NUMBER: 60/100848
 APPLICANT: Watanabe, Colin K. PRIOR FILING DATE: 1998-09-18
 APPLICANT: Williams, P. Mickey PRIOR APPLICATION NUMBER: 60/100849
 APPLICANT: Wood, William I. PRIOR FILING DATE: 1998-09-18
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE NUMBER: P2830P1C1
 CURRENT APPLICATION NUMBER: US/09/946,374
 CURRENT FILING DATE: 2001-09-04
 PRIOR APPLICATION NUMBER: 60/098716
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098723
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098749
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098750
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098803
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/098821
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/098843
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/099536
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099596
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099598
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099602
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099642
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099741
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099754
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099763
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099792
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099808
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099812
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099815
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/099816
 PRIOR FILING DATE: 1998-09-10
 PRIOR APPLICATION NUMBER: 60/100385
 PRIOR FILING DATE: 1998-09-15
 PRIOR APPLICATION NUMBER: 60/100388
 PRIOR FILING DATE: 1998-09-15
 PRIOR APPLICATION NUMBER: 60/100390
 PRIOR FILING DATE: 1998-09-15
 PRIOR APPLICATION NUMBER: 60/100584
 PRIOR FILING DATE: 1998-09-16
 PRIOR APPLICATION NUMBER: 60/100627
 PRIOR FILING DATE: 1998-09-16
 PRIOR APPLICATION NUMBER: 60/100661
 PRIOR FILING DATE: 1998-09-16
 PRIOR APPLICATION NUMBER: 60/100662
 PRIOR FILING DATE: 1998-09-16
 PRIOR APPLICATION NUMBER: 60/100664

RESULT 5
US-10-052-586-266
; Sequence 266, Application US/10052586
; Publication No. US20020127584A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc


```

; ORGANISM: Homo Sapien
; US-10-176-758-266

Query Match      3.9%; Score 110; DB 15; Length 1089;
Best Local Similarity 25.3%; Pred. No. 0.13;
Matches 46; Conservative 27; Mismatches 81; Indels 28; Gaps 9

QY 346 NGGREVOQDEERCMPSPKEVATYDLKPEMNA-----GVAEKMYEQIESGRHPLVM 398
Db 169 SAGRRVVFVGDDTWKDLFPGAFSKAFFPFSFNRDLDTVDNGILEHLYPTMDSGEWDVLI 228
QY 399 CNFAPPDMVCHT--GKFEPAV--KACQATDEAIKGIKFEACQTYNYVLMTVSDHG--NAEKM 453
Db 229 AHFLGVHDCHKHGPHHPHMAKKLSQMDQVIOGLVERLEN--DTLLVAGDHGTMGTNGDH-- 286
QY 454 IAPDGSHTAHTCNLVPFPTCSSKTFVFKSTPTGDDGKERARALRDVA--PTVLQMLGLP 511
Db 287 ---GGDSELEVSAAFLY---SPTAVFPSTPP-----EEPEVIPQVSLVPTLALLGLP 334
QY 512 VP 513
Db 335 IP 336

RESULT 8
US-10-175-737-266
; Sequence 266, Application US/10175737
; Publication No. US20030013153A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C50
; CURRENT APPLICATION NUMBER: US/10/175.737
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 266
; LENGTH: 1089
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-175-737-266

Query Match      3.9%; Score 110; DB 15; Length 1089;
Best Local Similarity 25.3%; Pred. No. 0.13;
Matches 46; Conservative 27; Mismatches 81; Indels 28; Gaps 9

QY 346 NGGREVOQDEERCMPSPKEVATYDLKPEMNA-----GVAEKMYEQIESGRHPLVM 398
Db 169 SAGRRVVFVGDDTWKDLFPGAFSKAFFPFSFNRDLDTVDNGILEHLYPTMDSGEWDVLI 228
QY 399 CNFAPPDMVCHT--GKFEPAV--KACQATDEAIKGIKFEACQTYNYVLMTVSDHG--NAEKM 453
Db 229 AHFLGVHDCHKHGPHHPHMAKKLSQMDQVIOGLVERLEN--DTLLVAGDHGTMGTNGDH-- 286
QY 454 IAPDGSHTAHTCNLVPFPTCSSKTFVFKSTPTGDDGKERARALRDVA--PTVLQMLGLP 511
Db 287 ---GGDSELEVSAAFLY---SPTAVFPSTPP-----EEPEVIPQVSLVPTLALLGLP 334
QY 512 VP 513
Db 335 IP 336

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; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 266
; LENGTH: 1089
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-738-266

Query Match
Best Local Similarity 3.9%; Score 110; DB 15; Length 1089;
Matches 46; Conservative 27; Mismatches 81; Indels 28; Gaps 9;

QY 346 NGGREVFQDEERCWVSPKQVATYDLKPEMNA-----GVAEKWVEQIESGRHPLVM 398
Db 169 SAGRRVFMGDDTWKDLFGAFKAFPPSFNVRLDVTVDNGILEHLYPTMDSGWDVLI 228
QY 399 CNFAPPDMVGHGT-GKFEPAV-KACQATDEAIGKIFEACQTYNYVLMVTSDHG---NAEKM 453
Db 229 AHFLGVDHCHGKHGHPHPEMAKKLSQMDQVIOGLVERLEN-DTLIVVAGDHGNTNGDH- 286
QY 454 IAPDGEHTAHTCNLVPFTCSKTFVKSTPTTGGDKERARALRDVA--PTVLQMLGLP 511
Db 287 ---GGDSELEVSAAFLY---SPTAVFPSTPP-----EEPEVIPQVSLVPTLALLGLP 334
QY 512 VP 513
Db 335 IP 336

RESULT 11
US-10-175-752-266
; Sequence 266, Application US/10175752
; Publication No. US20030022295A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430RIC60
; CURRENT APPLICATION NUMBER: US/10/175,752
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 266
; LENGTH: 1089
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-752-266

Query Match
Best Local Similarity 3.9%; Score 110; DB 15; Length 1089;
Matches 46; Conservative 27; Mismatches 81; Indels 28; Gaps 9;

QY 346 NGGREVFQDEERCWVSPKQVATYDLKPEMNA-----GVAEKWVEQIESGRHPLVM 398
Db 169 SAGRRVFMGDDTWKDLFGAFKAFPPSFNVRLDVTVDNGILEHLYPTMDSGWDVLI 228
QY 399 CNFAPPDMVGHGT-GKFEPAV-KACQATDEAIGKIFEACQTYNYVLMVTSDHG---NAEKM 453
Db 229 AHFLGVDHCHGKHGHPHPEMAKKLSQMDQVIOGLVERLEN-DTLIVVAGDHGNTNGDH- 286
QY 454 IAPDGEHTAHTCNLVPFTCSKTFVKSTPTTGGDKERARALRDVA--PTVLQMLGLP 511
Db 287 ---GGDSELEVSAAFLY---SPTAVFPSTPP-----EEPEVIPQVSLVPTLALLGLP 334
QY 512 VP 513
Db 335 IP 336

RESULT 10
US-10-175-738-266
; Sequence 266, Application US/10175738
; Publication No. US20030022294A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430RIC45
; CURRENT APPLICATION NUMBER: US/10/175,738
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
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